

R E P O R T

O F T H E

State of the Level of Ancholme, and the Methods proposed for the more effectual Draining the same, together with making the River Ancholme Navigable, from Ferriby Sluice to Bishop Brigg,

By THOMAS YEOMAN.

IT appears upon View, that the Drainage of this Level was originally planned and executed in a masterly Manner; but by the Decay of *Ferriby Sluice*, which was designed to have been an effectual Bar against the Sea, the Foul Water from the *Humber*, by flowing up gently the Long Drain, to or near *Glamford Brigg*, has left so much Silt behind from Time to Time, and having no Sluice, or other Means to Aid the Back Waters in their Passage to Sea, the New Drain, which was Forty Feet Wide, is reduced in many Places to Fifteen or Sixteen Feet, and which is the chief Cause of the great Damages which have happened to the Carrs and Low Grounds thro' the Level. Above the Town of *Brigg* the new Drain is much interrupted by Lug Beds, Weeds, and Fords, and wholly Silted up for near the last Five Miles next *Bishop's Brigg*. And as the Bottom of the Drain and Old River near *Brigg* is considerably Lower than many Places between that and *Ferriby Sluice*, and as by Levels taken there appears to be ample and sufficient Fall from *Bishop Brigg* to the said Sluice, to procure a compleat Drainage thro' the whole Level, It is proposed to Sink the Main Drain, so as to make the Bottom of it as near as it may be in a right Line from within about a Mile of *Bishop Brigg*, to nearly the same Distance of *Ferriby Sluice*, upon a Declivity or hanging Level, as it is Marked in the Section of the River in Profile. It is also recommended to make the Drain, the first Three Miles from *Bishop Brigg*, Thirty Feet Wide, from thence to the Junction with *Kettleby Drain*, from Forty to Forty Four Feet Wide, and from the Meeting of the Old River with the New Drain below the Town of *Brigg*, from Fifty to Sixty Feet Wide into the *Humber*, where it is not so already. And as no good and proper Use can be made, to the general Purposes of Drainage and Navigation by rebuilding *Ferriby Sluice*, in the Place where Part of it Remains; It is advised to Erect a new Sluice of Forty Feet Water Way, near the End of *Saxby Lordship*, with double pointing Doors next the Sea, and the same towards the Land, for the Purposes of Navigation, as well as for Drainage; the Land Doors to keep the Water to a proper Heighth in dry Weather,

for

for the Navigation, and for supplying the Fence Ditches with Fresh Water, and whenever there is Occasion all the Doors may be opened. This, together with the passing and repassing of the Keels and the issuing Water, which must necessarily be expended daily at the Sluice, will be an effectual Means of Scouring the Outfall to Sea, and be a Means of securing the Drainage from the several Clows below the New Sluice.

When these Things are done, and the Land Drains properly opened, it is humbly submitted, that if proper Attendance be given at the Sluice, there will be an effectual Drainage of the Low Grounds in the Level of *Ancholme*.

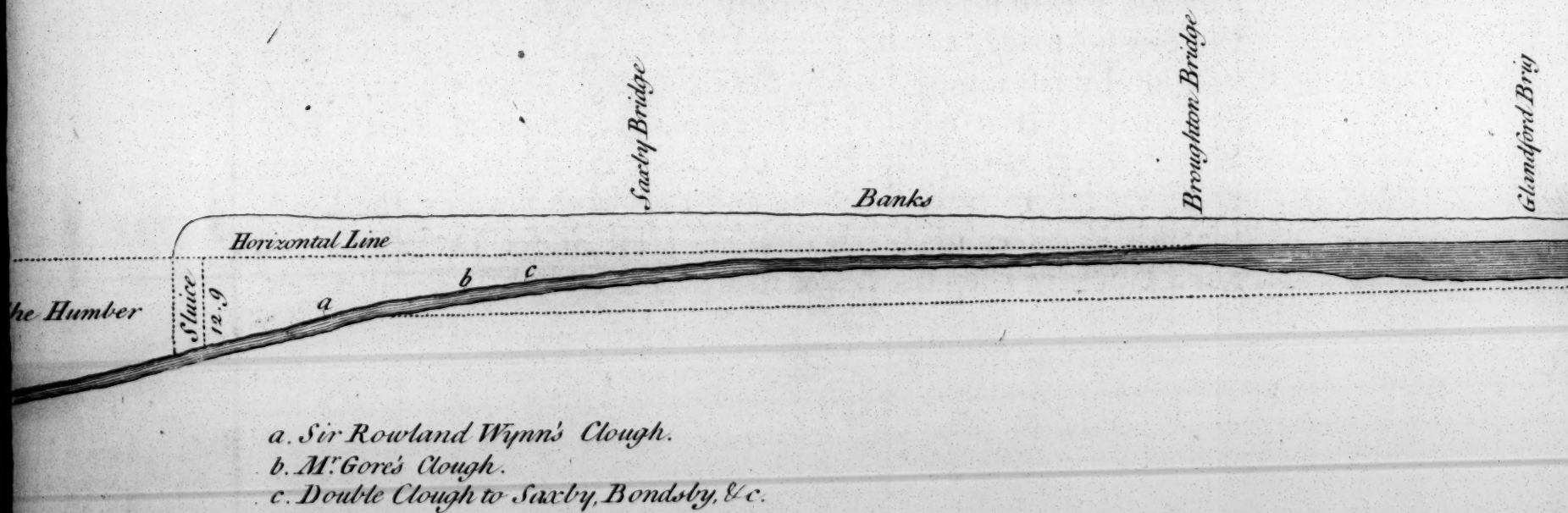
To perfect the Navigation from *Glamford Brigg* to *Bishop Brigg*, as there is a Fall of about Three Feet and a Half from the Bridge into the Dead Level; to get over this Difficulty it will be best to erect a Pen Sluice about a Mile below the Bridge, which will revert the Water to compleat a Canal for the Purpose of Navigation, and which will by no Means interfere with the Drainage of the Low Grounds in that Neighbourhood, but rather facilitate it.

The Expence to compleat the Whole of the above mentioned Works for Drainage and Navigation, with proper Bridges over the same, including other Contingencies, from an Estimate carefully made, will not exceed Fifteen Thousand Pounds, and One per Cent. to keep the Works in Repair for ever after it is compleated.

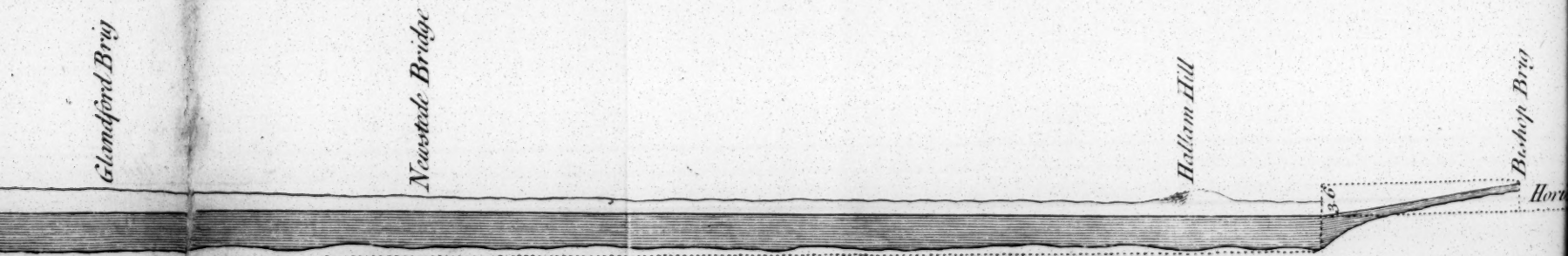
Brigg, Sept. 17, 1766.

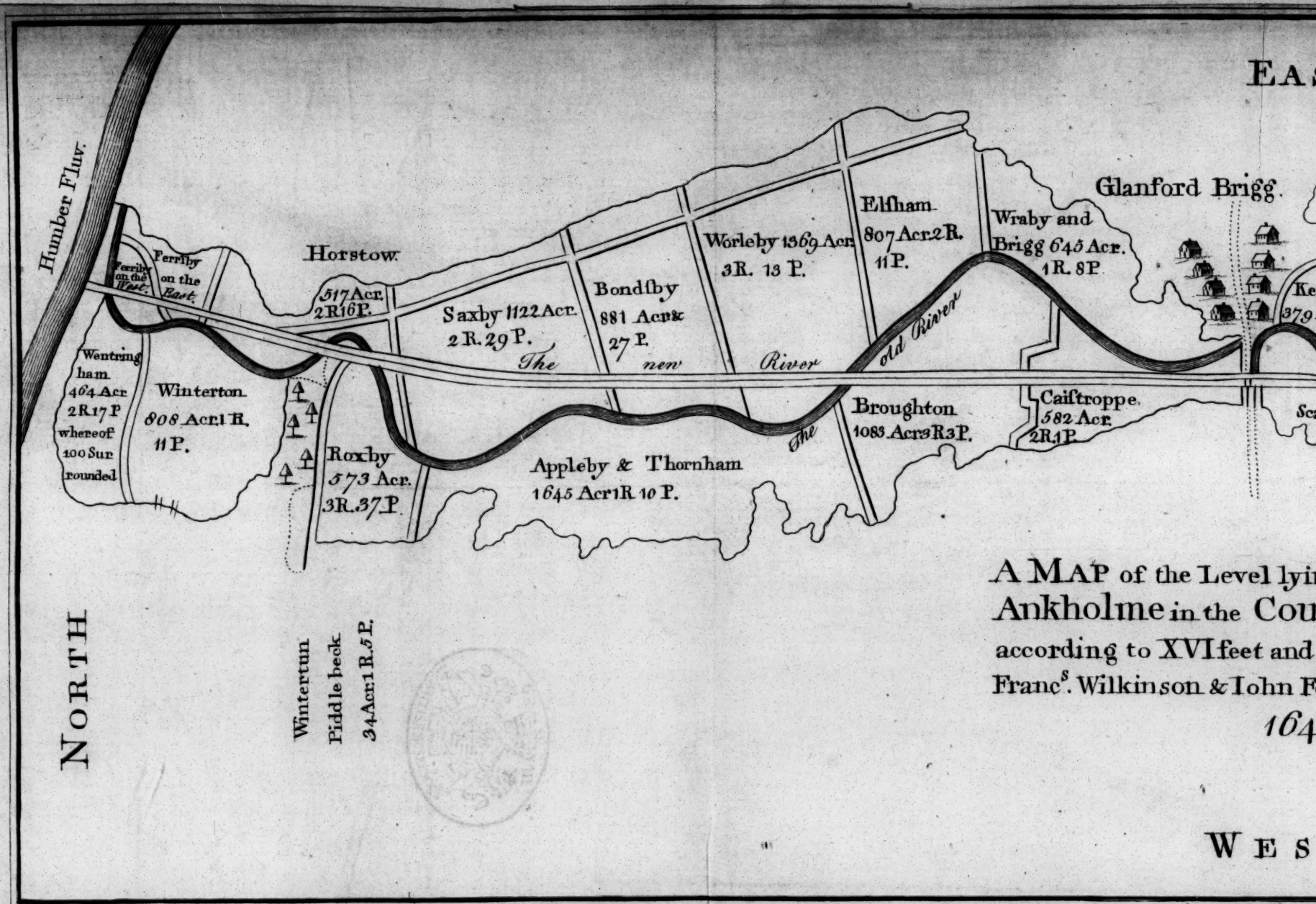
THOMAS YEOMAN.

A Section of the River



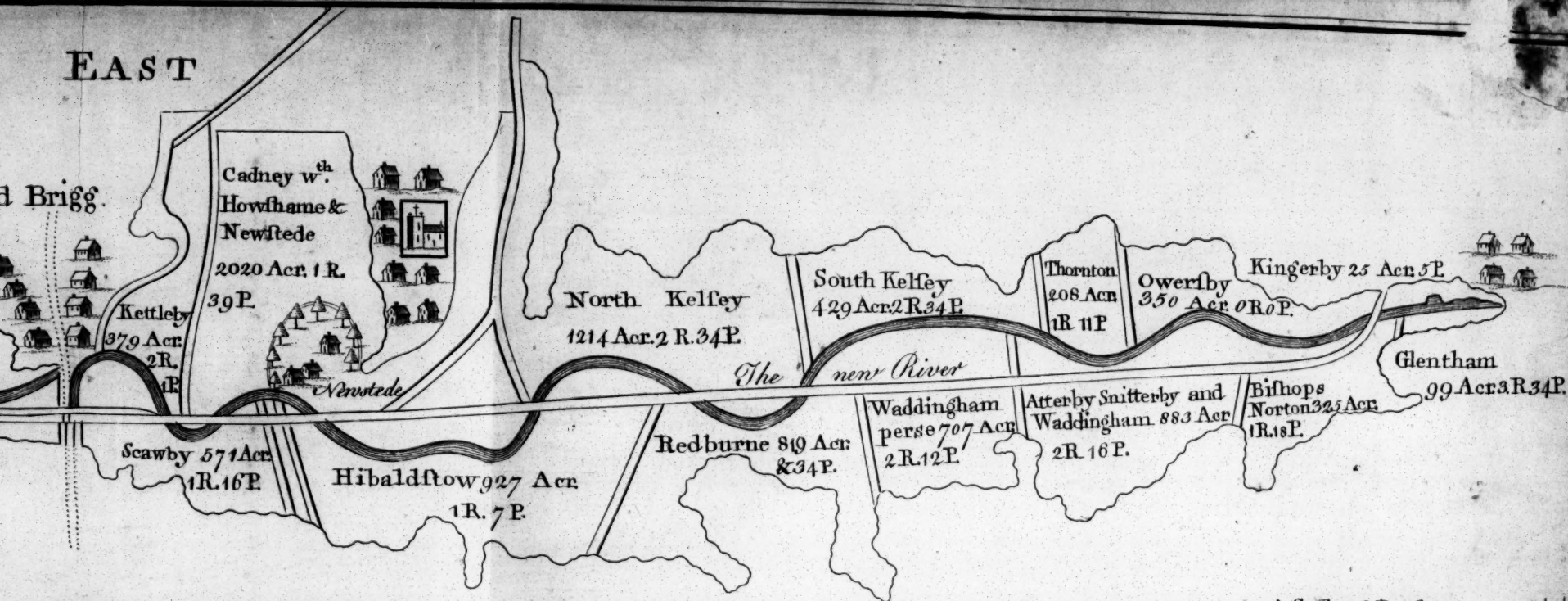
the River Ancholme in Profile.





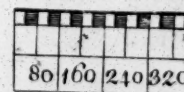
EAST

Brigg



Level lying upon the River of
the County of Lincoln
VI feet and an half to a Perch, by
John & John Fotherby Surveyors
1640

A Scale of Perches



SOUTH

Ca

WEST